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# 1 [Privacy issues in practice: Information revelation and privacy in online social](#)


[networks](#)

Ralph Gross, Alessandro Acquisti, H. John Heinz

November 2005 **Proceedings of the 2005 ACM workshop on Privacy in the electronic society WPES '05**

Publisher: ACM Press

Full text available: pdf(237.83 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Participation in social networking sites has dramatically increased in recent years. Services such as Friendster, Tribe, or the Facebook allow millions of individuals to create online profiles and share personal information with vast networks of friends - and, often, unknown numbers of strangers. In this paper we study patterns of information revelation in online social networks and their privacy implications. We analyze the online behavior of more than 4,000 Carnegie Mellon University students ...

**Keywords:** information revelation, online privacy, social networking sites

# 2 [Organizational issues: Leveraging social networks for information sharing](#)



Jeremy Goecks, Elizabeth D. Mynatt

November 2004 **Proceedings of the 2004 ACM conference on Computer supported cooperative work**

Publisher: ACM Press

Full text available: pdf(304.79 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Saori is a computation infrastructure that enables users and end-user applications to leverage social networks to mediate information dissemination. Saori provides users with awareness of and control over the information dissemination process within social networks; Saori enables users to employ both technological and social methods to manage information sharing. Saori users can create policies that mediate sharing by exploiting social network structures. Saori also provides social data to us ...

**Keywords:** information sharing, privacy, social networks

# 3 [Finding expertise and information: Real-world oriented information sharing using](#)


[social networks](#)

Junichiro Mori, Tatsuhiko Sugiyama, Yutaka Matsuo

November 2005 **Proceedings of the 2005 international ACM SIGGROUP conference on Supporting group work GROUP '05**

Publisher: ACM Press

Full text available: pdf(604.00 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

While users disseminate various information in the open and widely distributed environment of the Semantic Web, determination of who shares access to particular information is at the center of looming privacy concerns. We propose a real-world-oriented information sharing system that uses social networks. The system automatically obtains users' social relationships by mining various external sources. It also enables users to analyze their social networks to provide awareness of the information di ...

**Keywords:** information sharing, social network

#### 4 Social networks and trust: Searching social networks



Bin Yu, Munindar P. Singh

July 2003 **Proceedings of the second international joint conference on Autonomous agents and multiagent systems**

**Publisher:** ACM Press

Full text available: pdf(233.18 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A referral system is a multiagent system whose member agents are capable of giving and following referrals. The specific cases of interest arise where each agent has a user. The agents cooperate by giving and taking referrals so each can better help its user locate relevant information. This use of referrals mimics human interactions and can potentially lead to greater effectiveness and efficiency than in single-agent systems. Existing approaches consider what referrals may be given and treat the ...

**Keywords:** knowledge management, referral systems, social networks

#### 5 Browsers and UI, web engineering, hypermedia & multimedia, security, and accessibility: An integrated method for social network extraction



Tom Hope, Takuichi Nishimura, Hideaki Takeda

May 2006 **Proceedings of the 15th international conference on World Wide Web WWW '06**

**Publisher:** ACM Press

Full text available: pdf(611.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A social network can become bases for information infrastructure in the future. It is important to extract social networks that are not biased. Providing a simple means for users to register their social relation is also important. We propose a method that combines various approaches to extract social networks. Especially, three kinds of networks are extracted; user-registered *Know link* network, Web-mined *Web link* network, and face-to-face *Touch link* network. In this paper, ...

**Keywords:** social network, user interaction, web mining

#### 6 Recommender systems and social computing: Recommending collaboration with social networks: a comparative evaluation



David W. McDonald

April 2003 **Proceedings of the SIGCHI conference on Human factors in computing systems**

**Publisher:** ACM Press

Full text available: pdf(489.61 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Studies of information seeking and workplace collaboration often find that social relationships are a strong factor in determining who collaborates with whom. Social networks provide one means of visualizing existing and potential interaction in organizational settings. Groupware designers are using social networks to make systems more sensitive to social situations and guide users toward effective collaborations. Yet, the implications of embedding social networks in systems have not been system ...